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Complete if Known 10/005,656 Application Number Filing Date December 4, 2001 First Named Inventor MULLIGAN, Anthony C. Group Art Unit <del>1714-</del> 1731 Examiner Name Unaccigned—FIORILLA 003248.00040 Attorney Docket Number

			U.S. PATE	ENT D	OCUME	ENTS			
Examiner Initials *	Cite No.1			tition Date D-YYYY  Name of Patentee or Applicant of Cited Document		Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear			
ĆF		US 6,063,502	May 16, 2000 July 8, 1997 Sept. 20, 1988		Popovic', et al.		7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7		
ĈP.		US 5,845,781							
CF		US 4,772,524							
		<u>.</u>	OBEION DA	TEM	F DOCU	MENTO			
	FOREIGN PATENT DOCUMENTS  Foreign Patent Document  Pages, Columns, Lie						Pages, Columns, Lines,		
Examiner Initials*	Cite No. <sup>1</sup>	Country Code <sup>3</sup> - Number <sup>4</sup> - Kind (			olication Date DD-YYYY	Name of Patentee or Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	Τ*	
CF		WO 01/53059 A	1	7/2	8/2001	Goretta, et al.	~		
						<u> </u>			
Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.  J.J. BRENNAN and K. M. PREWO, "Silicon Carbide Fibre Reinforced Glass-Ceramic Matrix Composites Exhibiting High Strength and Toughness," J. Mater. Sci., 17 2371-83 (1982)							
CF		G. HILMAS, et al., "Fibrous Monoliths: Non-Brittle Fracture from Powder-Processed Ceramics," Mat. Sci. & Eng. A195, 263-268 (1995)							
CF		G.E. HILMAS, et al., "SiC and Sl <sub>3</sub> N <sub>4</sub> Fibrous Monoliths: Non-Brittle Fracture From Powder Processed Ceramics Produced by Coextrusion," Vol. 51 Ceramic Processing Science and Technology, pp. 609-14 (1993)							
Œ		H. KODAMA, et al., "Silicon Carbide Monofilament-Reinforced Silicon Nitride or Silicon Carbide Matrix Composites," J. Am. Cerem. Soc., 72 [4] 551-58 (1989)							
CF	1	D. KOVAR, et al., "Fibrous Monolithic Ceramics" J. Am. Ceram. Soc., 80 [10] 2471-2487 (1997)							
CF	Ī .	P.J. LAMICQ, et al., "SIC/SIC Composite Ceramics," Am. Ceram. Soc. Bull., 65 [2] 336-38 (1986)							
CF		T.I. MAH, et al., "Recent Developments in Fiber-Reinforced High Temperature Ceramic Composites," Am. Ceram. Soc. Bull., 68 [2] 304-08 (1987)							
CF		K.M. PREWO, "Fiber-Reinforced Ceramics: New Opportunities for Composite Materials," Am. Ceram. Soc. Bull., 68 [2] 395-400 (1989)							
CF		K.M. PREWO and J.J. BRENNAN, "High-Strength Sillcon Carbide Fibre-Reinforced Glass-Matrix Composites," J. Mater. Sci., 15 463-68 (1980).							
CE		J.R. STRIFE, et al., "Status of Continuous Fiber-Reinforced Ceramic Matrix Composite Processing Technology,"							

Examiner Signature	cafel	Date Considered	6/24/04	

Ceram. Eng. Sci. Proc., 11 [7-8] 871-919 (1990)

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